

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	1191	508/287,454,551,554,542.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/15 15:31
L5	210	L4 and (mannich or mannick) and ((anti adj oxidant or antioxidant or anti-oxidant or oxidation adj inhibitor) same2 amine)	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/15 15:32
L6	64	L5 and (nitrogen near (content or percent\$5))	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/15 15:32
S1	1	"20050130856".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/15 13:19
S2	64	"svarcas, laimute".in. or "cleveland, william".in. or "petric, john".in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/15 13:19
S3	3867	S2 or lubrizol.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/15 13:20
S4	178	S3 and lubric\$4 and (anti adj oxidant or antioxidant or anti-oxidant or oxidation adj inhibitor) same amine and (\$9stear\$3 or tetraethylenepentamine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/15 13:24
S5	115	S4 and (mannich or Mannick)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/15 13:25
S11	17	("3772359"   "4320020"   "4425138"   "4663063"   "4705643"   "4708809"   "4724091"   "5025316"   "5264005"   "6193767"   "6242394"   "6348075"   "6391833"   "6458172"   "4025316"   "20040083729").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/15 13:28

S12	435	"20020095916"(US-PGPUB) "20050130856"(US-PGPUB) "4254745"(USPAT) "4258669"(USPAT) "4312305"(USPAT) "4353331"(USPAT) "4357916"(USPAT) "4370959"(USPAT) "4437437"(USPAT) "4485769"(USPAT) "4538568"(USPAT) "4543919"(USPAT) "4552106"(USPAT) "4558670"(USPAT) "4791894"(USPAT) "4805571"(USPAT) "4813387"(USPAT) "4831820"(USPAT) "4834032"(USPAT) "4872433"(USPAT) "4899698"(USPAT) "4917054"(USPAT) "4922865"(USPAT) "4938192"(USPAT) "4966000"(USPAT) "4977875"(USPAT) "4979476"(USPAT) "4996953"(USPAT) "5189996"(USPAT) "5228414"(USPAT) "5265566"(USPAT) "5311854"(USPAT) "5322043"(USPAT) "5345897"(USPAT) "5351657"(USPAT) "5365893"(USPAT) "5383427"(USPAT) "5437251"(USPAT) "5443045"(USPAT) "5454352"(USPAT) "5505172"(USPAT) "5507253"(USPAT) "5537973"(USPAT) "5699758"(USPAT) "5950588"(USPAT) "6138634"(USPAT) "6145488"(USPAT) "6152102"(USPAT) "6379411"(USPAT) "6551385"(USPAT)	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/15 13:29
S13	11	(lubrica\$5 or fuel) and isostearic same2 (polyamine or pentamine) and (Mannich or Mannick) same2 (ethylenediamine or dimethylamine) and amine same2 (anti adj oxidant or antioxidant or anti-oxidant or oxidation adj inhibitor)	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/15 13:30

S14	80	((direct or fuel) near injection or DFI) and ("two-stroke" or two adj stroke or twostroke or "2-stroke" or "2" adj stroke) and (antioxidant or anti adj oxidant or "anti-oxidant").bi.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/15 13:30
S15	114	("two-stroke" or two adj stroke or twostroke or "2-stroke" or "2" adj stroke) and Mannich same dispersant and (antioxidant or anti adj oxidant or "anti-oxidant").bi.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/15 13:31
S16	10	\$4stearic and (polyamine or pentamine) and (Mannich or Mannick)	FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/15 13:32
S17	36	\$4stearic and (polyamine or pentamine) and dispersant	FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/15 13:33
S18	37	("two-stroke" or two adj stroke or twostroke or "2-stroke" or "2" adj stroke) and dispersant and (antioxidant or anti adj oxidant or "anti-oxidant").bi.	FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/15 13:34

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	766	508/287,454,551,554,542.ccls.	USPAT; UPAD	OR	ON	2010/06/15 15:33

**6/ 15/ 2010 4:01:12 PM****C:\ Documents and Settings\ vvasisth\ My Documents\ EAST\ Workspaces\ 10511247.wsp**